L Number	Hits	Search Text	DB	Time stamp
7	0	(radical adj basis) with (fitting adj center)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/03 10:07
13	0	(radical adj basis) and (fitting adj center)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/03 10:08
19	2	(radial adj basis) and (fitting adj center)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/03 10:09
25	2782	707/3.ccls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/03 11:36
31	1265	707/4.ccls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/03 11:36
37	1141	707/5.ccls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/03 11:36
43	953	707/6.ccls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/03 11:36
49	1578	707/100.ccls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/03 11:37
55	378	(707/3.ccls. 707/4.ccls. 707/5.ccls. 707/6.ccls. 707/100.ccls.) and (data adj mining)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/03 11:38
61	239	(((707/3.ccls. 707/4.ccls. 707/5.ccls. 707/6.ccls. 707/100.ccls.) and (data adj mining)) and model	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/03 11:38
67	47	((((707/3.ccls. 707/4.ccls. 707/5.ccls. 707/6.ccls. 707/100.ccls.) and (data adj mining)) and model) and schema	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/03 11:38
73	39	(((((707/3.ccls. 707/4.ccls. 707/5.ccls. 707/6.ccls. 707/100.ccls.) and (data adj mining)) and model) and schema) and algorithm	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/03 11:39
85	10	((((((707/3.ccls. 707/4.ccls. 707/5.ccls. 707/6.ccls. 707/100.ccls.) and (data adj mining)) and model) and schema) and algorithm) and historic$2	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/03 11:39
-	1	"6549910"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/02 11:03
-	1	"20020147599"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/03 10:07
-	8	(("6496865") or ("6516315") or ("6526412") or ("5546584") or ("6334158") or ("6125447") or ("6526565") or ("6526571")).PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/02 12:27
-	2	predefined adj data adj mining adj model	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/02 15:15
-	2	predefined adj data adj mining	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/02 15:13

-	20	data adj mining adj model	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/02 15:35
-	122	(data adj mining).ti.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/02 15:38
-	10	((data adj mining).ti.) and schema	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/06/03 11:36

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Search Results

Search Results for: **[historical data<AND>((schema<AND>((algorithm<AND>((model<AND>((data mining))))))))]**
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1 Discovering quasi-equivalence relationships from database systems 85%

Mei-Ling Shyu , Shu-Ching Chen , R. L. Kashyap

Proceedings of the eighth international conference on Information and knowledge management November 1999

Association rule mining has recently attracted strong attention and proven to be a highly successful technique for extracting useful information from very large databases. In this paper, we explore a generalized affinity-based association mining which discovers quasi-equivalent media objects in a distributed information-providing environment consisting of a network of heterogeneous databases which could be relational databases, hierarchical databases, object-oriented databases, multimedia d ...

2 An architecture to support scalable online personalization on the Web 84%

Anindya Datta , Kaushik Dutta , Debra VanderMeer , Krithi Ramamritham , Shamkant B. Navathe

The VLDB Journal — The International Journal on Very Large Data Bases August 2001

Volume 10 Issue 1

Online personalization is of great interest to e-companies. Virtually all personalization technologies are based on the idea of storing as much historical customer session data as possible, and then querying the data store as customers navigate through a web site. The holy grail of online personalization is an environment where fine-grained, detailed historical session data can be queried based on current online navigation patterns for use in formulating real-time responses. Unfortunately, as mo ...

3 Enabling scalable online personalization on the Web 84%

Debra VanderMeer , Kaushik Dutta , Anindya Datta , Krithi Ramamritham , Shamkant B. Navanthe

Proceedings of the 2nd ACM conference n Electronic commerce October 2000

4 Abstraction-based intrusion detection in distributed environments 80%

ACM Transactions n Inf rmation and System Security (TISSEC) November 2001
Volume 4 Issue 4

Abstraction is an important issue in intrusion detection, since it not only hides the difference between heterogeneous systems, but also allows generic intrusion-detection models. However, abstraction is an error-prone process and is not well supported in current intrusion-detection systems (IDSs). This article presents a hierarchical model to support attack specification and event abstraction in distributed intrusion detection. The model involves three concepts: *system view*, *signature* ...

5 Visualization: Query, analysis, and visualization of hierarchically structured data using Polaris 77%

Chris Stolte , Diane Tang , Pat Hanrahan
Proceedings of the eighth ACM SIGKDD international conference on Knowledge discovery and data mining July 2002

In the last several years, large OLAP databases have become common in a variety of applications such as corporate data warehouses and scientific computing. To support interactive analysis, many of these databases are augmented with hierarchical structures that provide meaningful levels of abstraction that can be leveraged by both the computer and analyst. This hierarchical structure generates many challenges and opportunities in the design of systems for the query, analysis, and visualization of ...

6 PODS invited talk: Models and issues in data stream systems 77%

Brian Babcock , Shivnath Babu , Mayur Datar , Rajeev Motwani , Jennifer Widom
Proceedings of the twenty-first ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems June 2002

In this overview paper we motivate the need for and research issues arising from a new model of data processing. In this model, data does not take the form of persistent relations, but rather arrives in multiple, continuous, rapid, time-varying *data streams*. In addition to reviewing past work relevant to data stream systems and current projects in the area, the paper explores topics in stream query languages, new requirements and challenges in query processing, and algorithmic issues.

7 Efficiently synchronizing multidimensional schema data 77%

L. Schlesinger , A. Bauer , W. Lehner , G. Ediberidze , M. Gutzmann
Proceedings of the fourth ACM international workshop on Data warehousing and OLAP November 2001

Most existing concepts in data warehousing provide a central data¿base system storing gathered raw data and redundantly computed materialized views. While in current system architectures client tools are sending queries to a central data warehouse system and are only used to graphically present the result, the steady rise in power of personal computers and the expansion of network bandwidth makes it possible to store replicated parts of the data warehouse at the client thus saving network bandwi ...

8 Designing data marts for data warehouses 77%

ACM Transactions on Software Engineering and Methodology (TOSEM) October 2001
Volume 10 Issue 4

Data warehouses are databases devoted to analytical processing. They are used to support decision-making activities in most modern business settings, when complex data sets have to be studied and analyzed. The technology for analytical processing

assumes that data are presented in the form of simple data marts, consisting of a well-identified collection of facts and data analysis dimensions (star schema). Despite the wide diffusion of data warehouse technology and concepts, we still miss me ...

9 Exploring data mining implementation 77%
Karim K. Hirji
Communications of the ACM July 2001
Volume 44 Issue 7

10 Report on second international workshop on advanced issues of E-commerce and Web-based information systems 77%
Kun-Lung Wu , Philip S. Yu
ACM SIGMOD Record September 2000
Volume 29 Issue 3
The Second International Workshop on Advanced Issues of E-Commerce and Web-Based Information Systems (WECWIS 2000) was held at the Crowne Plaza San Jose/Silicon Valley in Milpitas, California on June 8-9, 2000. The purpose of this workshop was to bring together leading practitioners, developers and researchers to explore the challenging technical issues and find feasible solutions for advancing the current state of the art in e-commerce and web-based information systems. In particular, th ...

11 Adaptive use of a cluster of PCs for data warehousing applications: some problems and issues 77%
Amit Rudra , Raj Gopalan
Proceedings of the 2000 ACM symposium on Applied computing March 2000

12 An introduction to data warehousing: what are the implications for the network? 77%
Katherine Jones
International Journal of Network Management February 1998
Volume 8 Issue 1
Data warehousing is an information systems environment, rather than a product. It has emerged as an essential business entity for sophisticated analysis of data. This article presents a clear overview of the implications of data warehousing for business. © 1998 John Wiley & Sons, Ltd.

13 Temporal FDs on complex objects 77%
Jef Wijsen
ACM Transactions on Database Systems (TODS) March 1999
Volume 24 Issue 1
Temporal functional dependencies (TFD) are defined for temporal databases that include object identity. It is argued that object identity can overcome certain semantic diffuculties with existing temporal relational data models. Practical applications of TFDs in object bases are discussed. Reasoning about TFDs is at the center of this paper. It turns out that the distinction between acyclic and cyclic schemas is significant. For acyclic schemas, a complete axiomatization fo ...

14 An object oriented approach to multidimensional database conceptual modeling (OOMD) 77%
J. Trujillo , M. Palomar

Proceedings of the first ACM international worksh p on Data wareh using and OLAP November 1998

15 An overview of data warehousing and OLAP technology 77%

Surajit Chaudhuri , Umeshwar Dayal
ACM SIGMOD Rec rd March 1997
Volume 26 Issue 1

Data warehousing and on-line analytical processing (OLAP) are essential elements of decision support, which has increasingly become a focus of the database industry. Many commercial products and services are now available, and all of the principal database management system vendors now have offerings in these areas. Decision support places some rather different requirements on database technology compared to traditional on-line transaction processing applications. This paper provides an overview ...

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